BRUHAT BANGALORE MAHANAGARA PALIKE

PRE-MEASUREMENT

MEASUREMENT SHEET

Name of work: Improvements Roads And Drains and Providing Covering Slabs at Bharatnagar, Varadarajnagar, Vinayaknagar, Singarapura Paradies, Singapura and Surrounding areas in Ward No. 11 (Kuvempunagar) in Vidyaranyapura Sub Division.

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P-3726 Zonal Public Works - POW Works

Job Code: 011-20-000122

Name of Agency: Sri Abbu Sambashiva Reddy, No. 1B3, Sree Arcade Layout, 4th Block, Doddabommasandra, Vidyaranyapura Post, Bangalore - 560 097.

Work order No: BBMP/EE/BTP/WO/49/2020-21 D: 20-07-2020.

	Measurements Recarded on :	14-06-2023					
Sl. No	Description	No.	L	B	D	Qty	Unit
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications						Cum
	Desilting of Drains						
	Varadarajanagara 1st Cross 2nd Phase						
	E/S	1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.20	0.45	0.45	3.08	
	W/S						
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Divis...

Sl. No	Description	No.	L	B	D	Qty	Unit
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
	S/S						
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
	Berm Cutting						
	Varadarajanagara 1st Cross 2nd Phase						
	E/S	1	15.00	1.10	0.25	4.13	
		1	15.00	0.95	0.20	2.85	
		1	15.00	0.90	0.25	3.38	
		1	15.00	0.95	0.15	2.14	
		1	15.00	1.00	0.25	3.75	
		1	15.00	0.95	0.20	2.85	
		1	15.00	0.90	0.15	2.03	
		1	15.00	1.10	0.20	3.30	
		1	15.00	1.00	0.15	2.25	
		1	15.00	0.95	0.25	3.56	
		1	15.00	0.90	0.15	2.03	
		1	15.00	0.85	0.20	2.55	
		1	15.00	0.90	0.25	3.38	
		1	15.20	0.85	0.25	3.23	
	W/S						
		1	15.00	1.10	0.25	4.13	
		1	15.00	1.10	0.25	4.13	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Divisio

Sl. No	Description	No.	L	B	D	Qty	Unit
		1	15.00	1.20	0.20	3.60	
		1	15.00	1.20	0.25	4.50	
		1	15.00	1.00	0.15	2.25	
		1	15.00	0.90	0.25	3.38	
		1	15.00	0.85	0.20	2.55	
		1	15.00	0.90	0.25	3.38	
		1	15.00	0.85	0.25	3.19	
		1	15.00	0.85	0.30	3.83	
		1	15.00	0.95	0.25	3.56	
		1	15.00	0.90	0.20	2.70	
		1	15.00	0.95	0.25	3.56	
		1	15.20	0.70	0.25	2.66	
	1st A Cross						
	N/S	1	10.60	1.00	0.25	2.65	
		1	4.10	1.10	0.20	0.90	
		1	15.00	1.00	0.15	2.25	
		1	15.00	0.95	0.25	3.56	
		1	8.20	0.95	0.25	1.95	
		1	15.00	0.90	0.20	2.70	
		1	3.00	0.85	0.20	0.51	
	S/S	1	11.90	1.10	0.25	3.27	
		1	5.60	0.95	0.20	1.06	
		1	15.00	0.90	0.15	2.03	
		1	15.00	0.75	0.25	2.81	
		1	12.00	0.95	0.15	1.71	
	Singapura Layout 1st Main						
	N/S	1	15.00	1.00	0.15	2.25	
		1	15.00	1.10	0.25	4.13	
		1	15.00	0.95	0.20	2.85	
		1	15.00	1.00	0.15	2.25	
		1	15.00	0.95	0.25	3.56	
		1	15.00	0.85	0.20	2.55	
		1	15.00	0.90	0.20	2.70	
	S/S						
		1	15.00	1.00	0.25	3.75	
		1	15.00	1.00	0.15	2.25	
		1	15.00	0.95	0.20	2.85	
		1	15.00	0.90	0.25	3.38	
		1	15.00	1.05	0.15	2.36	
		1	15.00	1.00	0.20	3.00	
		1	15.00	0.95	0.25	3.56	
		1	15.00	0.85	0.15	1.91	
		1	15.00	0.95	0.20	2.85	
		1	15.00	0.90	0.25	3.38	
		1	15.00	0.85	0.20	2.55	
	Total Qty =					**441.81**	
	Qty Limited to Approved Qty =					**440.53**	
	Qty upto 125%					**312.94**	
	Qty above 125%					**127.59**	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Divisio

Sl. No	Description	No.	L	B	D	Qty	Unit
	Measurements Recarded on :	28-06-2023					
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)						Sqm
	BS Slab Drain						
	Varadarajanagara 1st Cross 2nd Phase						
	E/S	1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.20		1.35	20.52	
	W/S						
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	14.80		1.35	19.98	
	1st A Cross						
	N/S	1	10.60		1.35	14.31	
		1	4.10		1.35	5.54	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	8.20		1.35	11.07	
		1	15.00		1.35	20.25	
		1	3.00		1.35	4.05	
	S/S						
		1	11.90		1.35	16.07	
		1	5.60		1.35	7.56	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	12.00		1.35	16.20	
	Singapura Layout 1st Main						
	N/S	1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

Sl. No	Description	No.	L	B	D	Qty	Unit
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	5.00		1.35	6.75	
	S/S						
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	12.20		1.35	16.47	
	Total Qty =					**1414.26**	
	Qty Limited to Approved Qty =					**1413.45**	
	Qty upto 125%					**1046.25**	
	Qty above 125%					**367.20**	

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Contractor

Assistant Engineer

Assistant Executive Engineer

Sl. No	Description	No.	L	B	D	Qty	Unit
	Measurements Recarded on :	11.07.2023					
3	Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete						Sqm
	BS Slab Drain Missing Slabs						
	Varadarajanagara 1st Cross 2nd Phase						
	E/S	1	2.50		1.35	3.38	
		1	1.50		1.35	2.03	
		1	2.90		1.35	3.92	
		1	3.80		1.35	5.13	
		1	5.90		1.35	7.97	
		1	2.50		1.35	3.38	
		1	2.10		1.35	2.84	
		1	1.50		1.35	2.03	
	W/S						
		1	2.30		1.35	3.11	
		1	1.50		1.35	2.03	
		1	3.50		1.35	4.73	
		1	1.00		1.35	1.35	
		1	2.60		1.35	3.51	
		1	1.80		1.35	2.43	
		1	1.00		1.35	1.35	
		1	2.60		1.35	3.51	
	1st A Cross						
	N/S	1	3.80		1.35	5.13	
		1	1.20		1.35	1.62	
		1	3.80		1.35	5.13	
		1	2.90		1.35	3.92	
		1	6.50		1.35	8.78	
		1	5.60		1.35	7.56	
		1	2.00		1.35	2.70	
	S/S	1	2.50		1.35	3.38	
		1	1.20		1.35	1.62	
		1	2.60		1.35	3.51	
		1	1.80		1.35	2.43	
		1	6.20		1.35	8.37	
	Singapura Layout 1st Main						
	N/S	1	2.50		1.35	3.38	
		1	6.50		1.35	8.78	
		1	4.90		1.35	6.62	
		1	5.80		1.35	7.83	
		1	7.00		1.35	9.45	
		1	2.50		1.35	3.38	
		1	1.90		1.35	2.57	
		1	5.80		1.35	7.83	
		1	2.60		1.35	3.51	
	S/S	1	6.80		1.35	9.18	
		1	2.90		1.35	3.92	
		1	2.70		1.35	3.65	
		1	9.40		1.35	12.69	
		1	2.90		1.35	3.92	
		1	6.40		1.35	8.64	
		1	4.90		1.35	6.62	
		1	2.90		1.35	3.92	
	Total Qty =					**212.63**	
	Qty Limited to Approved Qty =					**212.02**	
	Qty upto 125%					**156.94**	
	Qty above 125%					**55.08**	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl. No	Description	No.	L	B	D	Qty	Unit
	Measurements Recarded on :	21-07-2023					
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.						Sqm
	Varadarajanagara 1st Cross 2nd Phase						
	E/S	2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	2.20		0.40	1.76	
	W/S						
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	14.80		0.40	11.84	
	1st A Cross						
	N/S	2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	12.10		0.40	9.68	
	S/S						
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

Sl. No	Description	No.	L	B	D	Qty	Unit
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	5.00		0.40	4.00	
	Singapura Layout 1st Main Road Damage Portion						
	N/S	2	12.50		0.40	10.00	
		2	10.50		0.40	8.40	
		2	10.90		0.40	8.72	
		2	8.50		0.40	6.80	
		2	4.90		0.40	3.92	
		2	12.50		0.40	10.00	
		2	10.60		0.40	8.48	
		2	12.40		0.40	9.92	
		2	10.90		0.40	8.72	
		2	7.80		0.40	6.24	
	S/S						
		2	8.20		0.40	6.56	
		2	4.60		0.40	3.68	
		2	9.50		0.40	7.60	
		2	7.80		0.40	6.24	
		2	10.60		0.40	8.48	
		2	12.60		0.40	10.08	
		2	10.50		0.40	8.40	
		2	4.00		0.40	3.20	
	Total Qty =					**630.72**	
	Qty Limited to Approved Qty =					**629.60**	

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Contractor

Assistant Engineer

Assistant Executive Engineer